

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Sutter Maintenance Yard Murphy Slough at M&T Ranch

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Murphy Slough at M&T Ranch	Left	0.83	05/14/2019 05/14/2019	Makar Sokol

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_NA0014_01_s_2013_2				
Comment Code					
Inspector Comment					
The LMA completed flood fight training in 2018.					

No Photos

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_NA0014_01_s_2013_3				
Comment Code					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_NA0014_01_s_2013_6				
Comment Code					
Inspector Comment					
There is no O&M Manual for M&T Ranch.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Murphy Slough at M&T Ranch	Left	0.83	05/14/2019 05/14/2019	Makar Sokol

LM Start	0.00	Rating **	M	Issue No.	1
LM End	0.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.667748 °	39.666836 °
				-121.959205 °	-121.960897 °
DWR ID	DWR_NA0014_01_s_2012_1				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

Photo 1 of 1 : SP_2019_ST0014_372_1_20190327_00001.jpg



View of the elderberries along the waterside toe.

LM Start	0.00	Rating **	M	Issue No.	4
LM End	0.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.667748 °	39.666983 °
				-121.959205 °	-121.960997 °
DWR ID	DWR_NA0014_01_s_2012_4				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

Photo 1 of 1 : SP_2019_ST0014_372_4_20190327_00002.jpg



View of the elderberries along the landside toe.

LM Start	0.31	Rating **	M	Issue No.	8
LM End	0.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.666319 °	39.666319 °
				-121.964544 °	-121.964544 °
DWR ID	DWR_ST0014_01_s_2019_8				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The tree should be removed from the landside toe.					

Photo 1 of 1 : SP_2019_ST0014_372_8_20190520_00003.jpg



View of the tree at the landside toe. Spring 2019.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Murphy Slough at M&T Ranch	Left	0.83	05/14/2019 05/14/2019	Makar Sokol

LM Start	0.56	Rating **	M	Issue No.	5
LM End	0.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.667026 °	39.667026 °
				-121.968890 °	-121.968890 °
DWR ID	DWR_ST0014_01_s_2019_5				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP_2019_ST0014_372_5_20190520_00004.jpg



View of the erosion on the landside slope. Spring 2019.

LM Start	0.68	Rating **	M	Issue No.	7
LM End	0.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.668696 °	39.668696 °
				-121.969589 °	-121.969589 °
DWR ID	DWR_ST0014_01_s_2019_7				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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